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MAGNETIC MEASUREMENTS OF THE 5 METER QC SERIES QUADRUPOLES AT LAWRENCE BERKELEY LABORATORY, P. Barale, S. Caspi, W. Gilbert, M. I. Green, A. Lietzke, R. Schermer, and D. Van Dyke. Six 5 meter quadrupoles were built at the Lawrence Berkeley Laboratory for the SSC. The measurement of the field strength and quality of these magnets was a non-trivial undertaking. We will present a summary of the results of these magnetic measurements, some correlation between magnets, and a brief discussion of the significance of these quantities and correlations. We will also address the techniques used to both make these measurements and analyze the results.

1. Category 3
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4. Oral session